

REMARKS

Applicants request reconsideration and withdrawal of the rejections set forth in the above-identified Office Action in view of the foregoing amendments and the following remarks.

By this Amendment, Applicants have amended claims 2, 3, 5, 6, 8, and 15. Claim 1 has been cancelled. No new matter has been added.

Claims 1, 2 and 5-7 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over allegedly admitted prior art (AAPA) in view of U.S. Patent No. 4,889,439 (Cook et al.) in view of U.S. Patent No. 5,956,737 (King et al.), as evidenced by Canon Easy-WebPrint User Manual (“Manual”). Claims 3 and 4 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over AAPA, Cook et al., and King et al., as evidenced by the Manual and further in view of U.S. Patent No. 6,954,282 (Miyamoto et al.). Claims 8, 10, 12-15, 17, 19, and 20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over AAPA, Cook et al., as evidenced by the Manual. Claims 11 and 18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over AAPA in view of Cook et al., as evidenced by the Manual and further in view of Miyamoto et al. Applicants respectfully traverse these rejections.

As is recited in the independent claim 5, Applicants’ invention is directed to a computer implemented method of printing a multi-page document. The method includes a step of scaling a size of content of the multi-page document according to a zoom property attribute. It also determines whether an amount of content on a last page of the scaled multi-page document is less than the predetermined amount. When the amount of content is less than the predetermined amount, the method further scales the size of the content down to fit the nearest whole page. Furthermore, the method displays a preview window which shows previews of each individual page in the further scaled multi-page document. Based on a user selection of at least one of a plurality of controls in the preview window (each control associated with an individual page), the method determines a subset of the pages of the further scaled multi-page document and prints the subset.

Independent claim 6 is directed to a non-transitory computer readable storage medium and recites features similar to those discussed above with respect to independent claim 5.

Independent claim 8 is directed to a computer implemented method of printing a document. Like claim 5, claim 8 recites determining whether an amount of content on a last page of the printable pages is less than a predetermined amount. When the determined amount is less than the predetermined amount, the method determines a user preference for one of scaling a size of the content to fit the nearest whole page and printing the plurality of pages. Where the preference is for scaling, the method (1) scales a size of the content down according to a zoom property attribute, (2) displays a preview window which shows previews of each individual page, (3) determines a subset of pages of the scaled multi-page document based on a user selection of at least one of a plurality of controls in the preview window (each being associated with an individual page), and (4) prints the subset of the pages.

Independent claim 15 is directed to a non-transitory computer readable storage medium. That claim recites features similar to those discussed above with respect to independent claim 8.

Thus, with the present invention, a preview of a twice scaled document provides the user with a clear context to select and print a desired subset of pages.

The Office Action argues that a APAA and the Manual suggests displaying a preview window which shows pages in a scaled multi-page document. Specifically, the Office Action asserts that those documents disclose that a preview window provides for selection of “content size” and/or “print” options, and that APAA, at page 2, line 14, discloses printing a subset of pages according to a user selection. Given the assertions in the Office Action, it appears that the Patent Office is associating content size and print selections with the user selection of the present invention.

The present invention provides that a user selection determines a subset of twice-scaled pages to be printed. Applicants submit that this is not taught by APAA’s content size box or

print selection. The selection of content size would simply define a scaling factor. Moreover, a print selection would simply lead to printing of the whole document.

While the selection of printing could also lead to a printing window which would allow user to specify and print desired page numbers of a document, Applicants respectfully submit that such a procedure would not take place with the benefit of the claimed preview function of the present invention. Specifically, in the present invention, a user select individual pages of the previewed pages of the twice scaled document based on the content shown in the preview page. Moreover, the selection of the subset of pages is performed by user selection of controls that are specific to each page in the preview. Applicants submit that this is not a simple selection of print pages as would be found in the conventional art.

The Office Action relies on Cook et al. merely as disclosing the determination of whether an amount of content on a last page of a multi-page document is less than a predetermined amount. King et al. is cited as disclosing the scaling of the size of content. Applicants submit these documents do not remedy the deficiencies discussed above with respect to AAPA and the Manual.

Miyamoto et al. describes that individual images may be provided so that a user may select an image to be displayed in a print preview window. Specifically, that document states that an image to be printed on one sheet of paper is displayed in the print image preview window. Applicants also submit this document fails to remedy the deficiencies discussed above with respect to AAPA and the Manual.

For the foregoing reasons, Applicants submit that AAPA, the Manual, Cook et al., King et al., and Miyamoto et al., taken alone or in combination, fail to disclose or suggest, at least, the features of scaling a size of content of a multi-page document, further scaling the size of the content of the scaled multi-page document down to fit the content to a nearest whole page, displaying a preview window which shows previews of each individual page in the further scaled multi-page document, determining a subset of the pages of the further scaled multi-page

document based on a user selection of at least one of a plurality of controls in a preview window (each of the controls being associated with an individual page), and printing the subset of pages, as generally recited in independent claims 5 and 6.

Further, those documents fail to disclose or suggest the features of, when a determined amount of content is less than a predetermined amount, determining a user preference for one of scaling a size of the content to fit a nearest whole page and printing the plurality of pages, and where the user preference is for scaling, scaling a size of the content according to a zoom property attribute, displaying a preview window which shows previews of each individual page in the scaled multi-page document, determining a subset of the pages of the scaled multi-page document based on a user selection of at least one of a plurality of controls in a preview window (each being associated with an individual page), and printing the subset, as generally recited in independent claims 8 and 15.


The dependent claims are either directly or indirectly dependent from independent claims 5, 6, 8, and 15, and are allowable by virtue of their dependency and in their own right for further defining the invention. Further independent consideration of the dependent claims is requested.

Accordingly, Applicants request withdrawal of the rejections under § 103.

Applicants submit that all outstanding matters in this application have been addressed and that the application is in condition for allowance. Favorable reconsideration and passage to issue of the application are respectfully sought.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,


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